

**Abstract**

The present compositions comprise a microemulsion as a carrier for a bioactive agent, especially a polynucleotide, for example, DNA or RNA, said microemulsion comprising a 5 lipid core which is surrounded by a monolayer of at least one amphipathic lipid and at least one lipidized polymer, the lipidized polymer preferably comprising a lipidized protein or polypeptide in combination with a bioactive agent which is dissolved within or dispersed into one or more of the lipid core or the amphipathic lipid or which is associated with the surface of the microemulsion.